

Jan Ceuppens

List of Publications by Year in descending order

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109
papers

6,115
citations

71061

41
h-index

74108

75
g-index

109
all docs

109
docs citations

109
times ranked

7808
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-17 mRNA in sputum of asthmatic patients: linking T cell driven inflammation and granulocytic influx?. <i>Respiratory Research</i> , 2006, 7, 135.	1.4	488
2	Interleukin-17 Orchestrates the Granulocyte Influx into Airways after Allergen Inhalation in a Mouse Model of Allergic Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 28, 42-50.	1.4	359
3	Sublingual Immunotherapy: World Allergy Organization Position Paper 2009. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1-59.	2.7	316
4	Impaired barrier function in patients with house dust mite-induced allergic rhinitis is accompanied by decreased occludin and zonula occludens-1 expression. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1043-1053.e5.	1.5	244
5	CD80, CD86 and CD40 Provide Accessory Signals in a Multiple-Step T-Cell Activation Model. <i>Immunological Reviews</i> , 1996, 153, 47-83.	2.8	219
6	IL-15 Is Highly Expressed in Inflammatory Bowel Disease and Regulates Local T Cell-Dependent Cytokine Production. <i>Journal of Immunology</i> , 2000, 164, 3608-3615.	0.4	177
7	Evaluation of airway inflammation by quantitative Th1/Th2 cytokine mRNA measurement in sputum of asthma patients. <i>Thorax</i> , 2006, 61, 202-208.	2.7	166
8	Haptoglobin directly affects T cells and suppresses T helper cell type 2 cytokine release. <i>Immunology</i> , 2003, 108, 144-151.	2.0	157
9	Immune dysfunction in patients with functional gastrointestinal disorders. <i>Neurogastroenterology and Motility</i> , 2009, 21, 389-398.	1.6	139
10	Histamine and T helper cytokine-driven epithelial barrier dysfunction in allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 951-963.e8.	1.5	139
11	Haptoglobin dampens endotoxin-induced inflammatory effects both in vitro and in vivo. <i>Immunology</i> , 2005, 114, 263-271.	2.0	129
12	Accessory signaling by CD40 for T cell activation: induction of Th1 and Th2 cytokines and synergy with interleukin-12 for interferon- γ production. <i>European Journal of Immunology</i> , 1996, 26, 1621-1627.	1.6	126
13	Human T cell activation with phytohemagglutinin. The function of IL-6 as an accessory signal. <i>Journal of Immunology</i> , 1988, 141, 3868-74.	0.4	123
14	Prevention of Experimental Colitis in SCID Mice Reconstituted with CD45RB ^{high} CD4 ⁺ T Cells by Blocking the CD40-CD154 Interactions. <i>Journal of Immunology</i> , 2000, 164, 6005-6014.	0.4	118
15	DC vaccination with anti-CD25 treatment leads to long-term immunity against experimental glioma. <i>Neuro-Oncology</i> , 2009, 11, 529-542.	0.6	94
16	Impact of lipoteichoic acid modification on the performance of the probiotic <i>Lactobacillus rhamnosus</i> GG in experimental colitis. <i>Clinical and Experimental Immunology</i> , 2010, 162, 306-314.	1.1	92
17	Identification of haptoglobin as an alternative ligand for CD11b/CD18. <i>Journal of Immunology</i> , 1996, 156, 2542-52.	0.4	91
18	Reciprocal changes of Foxp3 expression in blood and intestinal mucosa in IBD patients responding to infliximab. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1299-1310.	0.9	90

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19	Progesterone increases airway eosinophilia and hyper-responsiveness in a murine model of allergic asthma. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1457-1463.	1.4	86
20	Crucial Role of Transient Receptor Potential Ankyrin 1 and Mast Cells in Induction of Nonallergic Airway Hyperreactivity in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 486-493.	2.5	85
21	Intranasal administration of probiotic <i>Lactobacillus rhamnosus</i> GG prevents birch pollen-induced allergic asthma in a murine model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 100-110.	2.7	84
22	Blockade of CTLA-4 enhances allergic sensitization and eosinophilic airway inflammation in genetically predisposed mice. <i>European Journal of Immunology</i> , 2002, 32, 585-594.	1.6	81
23	Eosinophilic rhinitis accompanies the development of lower airway inflammation and hyper-reactivity in sensitized mice exposed to aerosolized allergen. <i>Clinical and Experimental Allergy</i> , 2001, 31, 782-790.	1.4	73
24	Immunological determinants of ventilatory changes induced in mice by dermal sensitization and respiratory challenge with toluene diisocyanate. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L207-L214.	1.3	68
25	Impact of <i>luxS</i> and Suppressor Mutations on the Gastrointestinal Transit of <i>Lactobacillus rhamnosus</i> GG. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4711-4718.	1.4	68
26	Blocking CD40-CD154 and CD80/CD86-CD28 interactions during primary allogeneic stimulation results in T cell anergy and high IL-10 production. <i>European Journal of Immunology</i> , 1999, 29, 2367-2375.	1.6	67
27	Defect in the membrane expression of high affinity 72-kD Fc gamma receptors on phagocytic cells in four healthy subjects. <i>Journal of Clinical Investigation</i> , 1988, 82, 571-578.	3.9	66
28	<i>Staphylococcus aureus</i> enterotoxin B facilitates allergic sensitization in experimental asthma. <i>Clinical and Experimental Allergy</i> , 2010, 40, 1079-1090.	1.4	65
29	Aggravation of bronchial eosinophilia in mice by nasal and bronchial exposure to <i>Staphylococcus aureus</i> enterotoxin B. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1063-1071.	1.4	64
30	Cluster analysis of sputum cytokine-high profiles reveals diversity in T(h)2-high asthma patients. <i>Respiratory Research</i> , 2017, 18, 39.	1.4	63
31	Detection of basophil-activating IgG autoantibodies in chronic idiopathic urticaria by induction of CD63. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 662-667.	1.5	61
32	Subset markers of CD8(+) cells and their relation to enhanced cytotoxic T-cell activity during human immunodeficiency virus infection. <i>Journal of Clinical Immunology</i> , 1991, 11, 345-356.	2.0	56
33	Type III IFN mRNA expression in sputum of adult and school-aged asthmatics. <i>Clinical and Experimental Allergy</i> , 2008, 38, 1459-1467.	1.4	55
34	Perioperative allergic reactions: Experience in a Flemish referral centre. <i>Allergologia Et Immunopathologia</i> , 2014, 42, 348-354.	1.0	52
35	Mucosal IL13RA2 expression predicts nonresponse to anti-TNF therapy in Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 572-581.	1.9	52
36	<i>Staphylococcus aureus</i> enterotoxin B augments granulocyte migration and survival via airway epithelial cell activation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 1013-1020.	2.7	51

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37	Explorative study on patient's perceived knowledge level, expectations, preferences and fear of side effects for treatment for allergic rhinitis. <i>Clinical and Translational Allergy</i> , 2012, 2, 9.	1.4	49
38	T lymphocyte dependence of the antibody response to 'T lymphocyte independent type 2' antigens. <i>Immunology</i> , 2004, 111, 1-7.	2.0	47
39	Tumor necrosis factor- α and interleukin 6 synergistically induce T cell growth. <i>European Journal of Immunology</i> , 1990, 20, 1019-1025.	1.6	46
40	Contribution of Regulatory T Cells and Effector T Cell Deletion in Tolerance Induction by Costimulation Blockade. <i>Journal of Immunology</i> , 2008, 181, 1034-1042.	0.4	46
41	Restoring airway epithelial barrier dysfunction: a new therapeutic challenge in allergic airway disease. <i>Rhinology</i> , 2016, 54, 195-205.	0.7	45
42	CD28/CTLA-4/B7 costimulatory pathway blockade affects regulatory T cell function in autoimmunity. <i>European Journal of Immunology</i> , 2015, 45, 1832-1841.	1.6	44
43	Measurement of itching: Validation of the Leuven Itch Scale. <i>Burns</i> , 2011, 37, 939-950.	1.1	43
44	Uptake and presentation of malignant glioma tumor cell lysates by monocyte-derived dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2005, 54, 372-382.	2.0	42
45	Unique Gene Expression and MR T2 Relaxometry Patterns Define Chronic Murine Dextran Sodium Sulphate Colitis as a Model for Connective Tissue Changes in Human Crohn's Disease. <i>PLoS ONE</i> , 2013, 8, e68876.	1.1	42
46	Nasal epithelial barrier dysfunction increases sensitization and mast cell degranulation in the absence of allergic inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1155-1164.	2.7	42
47	Immobilized anti-CD5 together with prolonged activation of protein kinase C induce interleukin 2-dependent T cell growth: evidence for signal transduction through CD5. <i>European Journal of Immunology</i> , 1991, 21, 251-259.	1.6	41
48	Immunotherapy with a modified birch pollen extract in allergic rhinoconjunctivitis: clinical and immunological effects. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1903-1909.	1.4	40
49	Selective Nasal Allergen Provocation Induces Substance P-Mediated Bronchial Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 517-523.	1.4	40
50	MP-2 reduces nasal hyperreactivity and nasal mediators in patients with house dust mite-allergic rhinitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1084-1093.	2.7	40
51	Effects of anti-IL-4 receptor monoclonal antibody on in vitro T cell cytokine levels: IL-4 production by T cells from non-atopic donors. <i>Clinical and Experimental Immunology</i> , 1998, 113, 320-326.	1.1	39
52	<i>Lactobacillus rhamnosus</i> probiotic prevents airway function deterioration and promotes gut microbiome resilience in a murine asthma model. <i>Gut Microbes</i> , 2020, 11, 1729-1744.	4.3	39
53	Inhibition of glycolipid biosynthesis by N-(5-adamantane-1-yl-methoxy-pentyl)-deoxynojirimycin protects against the inflammatory response in hapten-induced colitis. <i>International Immunopharmacology</i> , 2004, 4, 939-951.	1.7	38
54	ICOS Deficiency Results in Exacerbated IL-17 Mediated Experimental Autoimmune Encephalomyelitis. <i>Journal of Clinical Immunology</i> , 2009, 29, 426-433.	2.0	37

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55	Essential Role for CD40 Ligand Interactions in T Lymphocyte-Mediated Modulation of the Murine Immune Response to Pneumococcal Capsular Polysaccharides. <i>Journal of Immunology</i> , 2002, 168, 2773-2781.	0.4	35
56	Allergen-specific T cells from birch-pollen-allergic patients and healthy controls differ in T helper 2 cytokine and in interleukin-10 production. <i>Clinical and Experimental Allergy</i> , 2004, 34, 879-887.	1.4	35
57	Haptoglobin deficiency facilitates the development of autoimmune inflammation. <i>European Journal of Immunology</i> , 2009, 39, 3404-3412.	1.6	34
58	Genetic Deletion of Tissue Inhibitor of Metalloproteinase-1/TIMP-1 Alters Inflammation and Attenuates Fibrosis in Dextran Sodium Sulphate-induced Murine Models of Colitis. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 1336-1350.	0.6	34
59	Human T Cell Activation by Costimulatory Signal-Deficient Allogeneic Cells Induces Inducible Costimulator-Expressing Anergic T Cells with Regulatory Cell Activity. <i>Journal of Immunology</i> , 2004, 172, 5371-5378.	0.4	32
60	Effects of haptoglobin polymorphisms and deficiency on susceptibility to inflammatory bowel disease and on severity of murine colitis. <i>Gut</i> , 2012, 61, 528-534.	6.1	32
61	Anti-Tumor Necrosis Factor Therapy Restores Peripheral Blood B-cell Subsets and CD40 Expression in Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2787-2796.	0.9	31
62	Persistent IL-10 production is required for glioma growth suppressive activity by Th1-directed effector cells after stimulation with tumor lysate-loaded dendritic cells. <i>Journal of Neuro-Oncology</i> , 2007, 84, 131-140.	1.4	28
63	Effects of anti-tumour necrosis factor, interleukin-10 and antibiotic therapy in the indometacin-induced bowel inflammation rat model. <i>Alimentary Pharmacology and Therapeutics</i> , 2001, 15, 1827-1836.	1.9	27
64	Foxp3 ⁺ regulatory T cells are activated in spite of B7-1/CD28 and CD40/CD40L blockade. <i>European Journal of Immunology</i> , 2013, 43, 1013-1023.	1.6	27
65	Stepwise approach towards adoption of allergen immunotherapy for allergic rhinitis and asthma patients in daily practice in Belgium: a BelSACI-AbeforcAl-EUIFOREA statement. <i>Clinical and Translational Allergy</i> , 2019, 9, 1.	1.4	27
66	The human antibody response to pneumococcal capsular polysaccharides is dependent on the CD40-CD40 ligand interaction. <i>European Journal of Immunology</i> , 2004, 34, 850-858.	1.6	25
67	Involvement of 4-1BB (CD137)-4-1BBLigand interaction in the modulation of CD4 ⁺ T cell-mediated inflammatory colitis. <i>Clinical and Experimental Immunology</i> , 2006, 143, 228-236.	1.1	25
68	Naive human T cells can be a source of IL-4 during primary immune responses. <i>Clinical and Experimental Immunology</i> , 1999, 118, 384-391.	1.1	24
69	Programmed cell death-1 expression correlates with disease severity and IL-5 in chronic rhinosinusitis with nasal polyps. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 985-993.	2.7	23
70	Immunomodulatory effects of treatment with naproxen in patients with rheumatic disease. <i>Arthritis and Rheumatism</i> , 1986, 29, 305-311.	6.7	21
71	Direct demonstration of binding of anti-Leu 4 antibody to the 40 kDa Fc receptor on monocytes as a prerequisite for anti-Leu 4-induced T cell mitogenesis. <i>Journal of Immunology</i> , 1987, 139, 4067-71.	0.4	21
72	Placental Growth Factor Contributes to Bronchial Neutrophilic Inflammation and Edema in Allergic Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 781-789.	1.4	20

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73	Probiotics against airway allergy: host factors to consider. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	20
74	Immunological Alterations in Haemophiliacs Treated with Lyophilized Factor VIII Cryoprecipitate from Volunteer Donors. <i>Thrombosis and Haemostasis</i> , 1984, 51, 207-211.	1.8	20
75	Effects of T cell-induced colonic inflammation on epithelial barrier function. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1322-1331.	0.9	18
76	Lolium perenne peptides for treatment of grass pollen allergy: A randomized, double-blind, placebo-controlled clinical trial. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 448-451.	1.5	18
77	Conjunctival effects of a selective nasal pollen provocation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 1173-1181.	2.7	17
78	A chest physician's guide to mechanisms of sinonasal disease. <i>Thorax</i> , 2015, 70, 353-358.	2.7	17
79	Effects of Epithelial IL-13R α 2 Expression in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2018, 9, 2983.	2.2	17
80	A bidirectional regulatory network involving IL 2 and IL 4 in the alternative CD28 pathway of T cell activation. <i>European Journal of Immunology</i> , 1990, 20, 1569-1575.	1.6	16
81	CD4+ T Lymphocytes Expressing CD40 Ligand Help the IgM Antibody Response to Soluble Pneumococcal Polysaccharides via an Intermediate Cell Type. <i>Journal of Immunology</i> , 2006, 176, 529-536.	0.4	16
82	Inhibition of synovial fluid T cell proliferation by anti-CD5 monoclonal antibodies. A potential mechanism for their immunotherapeutic action in vivo. <i>Arthritis and Rheumatism</i> , 1992, 35, 1445-1451.	6.7	15
83	Airway exposure to hypochlorite prior to ovalbumin induces airway hyperreactivity without evidence for allergic sensitization. <i>Toxicology Letters</i> , 2011, 204, 101-107.	0.4	15
84	Restoration of Foxp3+ Regulatory T-cell Subsets and Foxp3 α Type 1 Regulatory-like T Cells in Inflammatory Bowel Diseases During Anti-tumor Necrosis Factor Therapy. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	0.9	14
85	Defining thresholds of specific IgE levels to grass pollen and birch pollen allergens improves clinical interpretation. <i>Clinica Chimica Acta</i> , 2015, 450, 46-50.	0.5	14
86	Regulatory T Cell-Dependent and -Independent Mechanisms of Immune Suppression by CD28/B7 and CD40/CD40L Costimulation Blockade. <i>Journal of Immunology</i> , 2016, 197, 533-540.	0.4	14
87	Interleukin-15 receptor α expression in inflammatory bowel disease patients before and after normalization of inflammation with infliximab. <i>Immunology</i> , 2013, 138, 47-56.	2.0	13
88	Identification of an enriched CD4+ CD8 α ++ CD8 β 2+ T-cell subset among tumor-infiltrating lymphocytes in human renal cell carcinoma. , 1997, 71, 178-182.		12
89	Low cord blood Foxp3/CD137 mRNA ratios: a marker of increased risk for allergy development. <i>Clinical and Experimental Allergy</i> , 2015, 45, 232-237.	1.4	12
90	Nasal Allergen Deposition Leads to Conjunctival Mast Cell Degranulation in Allergic Rhinoconjunctivitis. <i>American Journal of Rhinology and Allergy</i> , 2014, 28, 290-296.	1.0	11

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91	Activation of the immune system in cancer patients. , 2000, 34, 1-9.		10
92	T-cell mediated late increase in bronchial tone after allergen provocation in a murine asthma model. Clinical Immunology, 2008, 128, 248-258.	1.4	10
93	Fibrogenesis in Chronic DSS Colitis is Not Influenced by Neutralisation of Regulatory T Cells, of Major T Helper Cytokines or Absence of IL-13. Scientific Reports, 2019, 9, 10064.	1.6	10
94	IL-13 is a central mediator of chemical-induced airway hyperreactivity in mice. PLoS ONE, 2017, 12, e0180690.	1.1	10
95	The human polysaccharide- and protein-specific immune response to Streptococcus pneumoniae is dependent on CD4+ T lymphocytes, CD14+ monocytes, and the CD40â€“CD40 ligand interaction. Journal of Allergy and Clinical Immunology, 2008, 122, 1231-1233.	1.5	8
96	Sensitization to Inhaled Ryegrass Pollen by Collateral Priming in a Murine Model of Allergic Respiratory Disease. International Archives of Allergy and Immunology, 2010, 152, 233-242.	0.9	8
97	In vivo maturation of TH cells in relation to atopy. Journal of Allergy and Clinical Immunology, 2011, 128, 234-237.e7.	1.5	8
98	Blocking costimulatory pathways: prospects for inducing transplantation tolerance. Immunotherapy, 2010, 2, 497-509.	1.0	7
99	Innate Lymphoid Cells Are Required to Induce Airway Hyperreactivity in a Murine Neutrophilic Asthma Model. Frontiers in Immunology, 2022, 13, 849155.	2.2	7
100	Multivariate reconstruction of lymphocyte profiles in a two-dimensional graphical model as a tool for the investigation of lymphocyte subset distribution in health and disease. , 1997, 28, 220-227.		6
101	Neonatal ILâ€“10 production and risk of allergy development. Clinical and Experimental Allergy, 2012, 42, 483-484.	1.4	6
102	Distinct approaches to investigate the importance of the murine 4-1BB-4-1BBL interaction in the antibody response to Streptococcus pneumoniae. Journal of Leukocyte Biology, 2007, 82, 638-644.	1.5	5
103	Generation of Antibody Responses to Pneumococcal Capsular Polysaccharides Is Independent of CD1 Expression in Mice. Infection and Immunity, 2009, 77, 1976-1980.	1.0	5
104	Fibrogenesis in chronic murine colitis is independent of innate lymphoid cells. Immunity, Inflammation and Disease, 2020, 8, 393-407.	1.3	4
105	Blocking CD40 â€“ CD154 and CD80/CD86 â€“ CD28 interactions during primary allogeneic stimulation results in T cell anergy and high IL-10 production. European Journal of Immunology, 1999, 29, 2367-2375.	1.6	4
106	Th2â€“high asthma: a heterogeneous asthma population?. Clinical and Translational Allergy, 2015, 5, O1.	1.4	2
107	Blocking CD40 â€“ CD154 and CD80/CD86 â€“ CD28 interactions during primary allogeneic stimulation results in T cell anergy and high IL-10 production. , 0, .		1
108	Sputum â€“cellâ€“5, ILâ€“17A, ILâ€“25â€“highâ€“ pattern is associated with uncontrolled asthma and worse lung function. Clinical and Translational Allergy, 2013, 3, O3.	1.4	0

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109	Value-added reporting of specific IgE. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1644-1644.	2.7	0